

Message

From: Liljegren, Jennifer [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=C7098A838CD34F75B8878571FE95D939-JLILJEGR]
Sent: 5/1/2018 5:18:24 PM
To: Kraj, Susan [kraj.susan@epa.gov]
Subject: RE: Foxconn permits

Hi Susan,

The final designations information is here:

<https://www.epa.gov/ozone-designations/additional-designations-2015-ozone-standards>

The final designation for the entirety of Racine County for the 2015 ozone NAAQS is "attainment/unclassifiable."

Jenny

From: Kraj, Susan
Sent: Tuesday, May 01, 2018 12:16 PM
To: Liljegren, Jennifer <Liljegren.Jennifer@epa.gov>
Subject: RE: Foxconn permits

Hi Jenny –

Do you happen to know if EPA made any decision about the Racine county designation yet or when we can expect that?

Thank you!
 Susan K

From: Liljegren, Jennifer
Sent: Wednesday, March 14, 2018 1:05 PM
To: Kraj, Susan <kraj.susan@epa.gov>; D'Agostino, Kathleen <dagostino.kathleen@epa.gov>; Langman, Michael <langman.michael@epa.gov>; Kanniganti, Radhica <kanniganti.radhica@epa.gov>
Cc: Aburano, Douglas <aburano.douglas@epa.gov>; Rosenthal, Steven <rosenthal.steven@epa.gov>; Svingen, Eric <Svingen.Eric@epa.gov>; Mooney, John <Mooney.John@epa.gov>; Damico, Genevieve <damico.genevieve@epa.gov>
Subject: RE: Foxconn permits

Thanks, Susan. This is really helpful to at least get a ballpark estimate of the emissions. I appreciate you and Mike getting back to us so quickly and letting us know about the glass plant too.

Jenny

From: Kraj, Susan
Sent: Wednesday, March 14, 2018 12:17 PM
To: D'Agostino, Kathleen <dagostino.kathleen@epa.gov>; Langman, Michael <langman.michael@epa.gov>; Liljegren, Jennifer <Liljegren.Jennifer@epa.gov>; Kanniganti, Radhica <kanniganti.radhica@epa.gov>
Cc: Aburano, Douglas <aburano.douglas@epa.gov>; Rosenthal, Steven <rosenthal.steven@epa.gov>; Svingen, Eric <Svingen.Eric@epa.gov>; Mooney, John <Mooney.John@epa.gov>; Damico, Genevieve <damico.genevieve@epa.gov>
Subject: RE: Foxconn permits

I spoke with the permit writer at WDNR. There were actually some errors with the emissions in the application in the table below. (The facility had provided some in lbs rather than TPY thus the estimates are actually lower.) Here is the revised emission table in TPY:

	NOx	CO	PM10	Pm2.5	SO2	VOC
Total	172	134	52.8	52.8	4	186

The permit writer also noted that GHG's will be over 984,000 TPY but mostly from gases other than CO₂e such as Nitrogen Trifluoride and others. In addition he mentioned that for modeling PM 2.5 they are at 95%.

The portion of the project that is remaining to be permitted is a glass plant. The application from Corning has not yet been submitted or even discussed in much detail with WDNR. WDNR guesses/anticipates the glass plant will contribute another 100 TPY of CO and NOx, and maybe SO2. There is another Corning facility in Kentucky that is slightly similar (it is plate glass, this will not be), but the only actual similar facility WDNR is aware of is in Asia.

Thanks,
Susan K

From: D'Agostino, Kathleen

Sent: Wednesday, March 14, 2018 11:13 AM

To: Langman, Michael <langman.michael@epa.gov>; Kraj, Susan <kraj.susan@epa.gov>; Liljegren, Jennifer <Liljegren.Jennifer@epa.gov>; Kanniganti, Radhica <kanniganti.radhica@epa.gov>

Cc: Aburano, Douglas <aburano.douglas@epa.gov>; Rosenthal, Steven <rosenthal.steven@epa.gov>; Svingen, Eric <Svingen.Eric@epa.gov>; Mooney, John <Mooney.John@epa.gov>

Subject: RE: Foxconn permits

You said this represents estimated emissions from a portion of the project? Do you have any idea how big a portion; i.e., what portion of the total emissions are likely covered by this part of the project?

Kathleen D'Agostino
Environmental Engineer
U.S. EPA Region 5
312-886-1767
dagostino.kathleen@epa.gov

From: Langman, Michael

Sent: Wednesday, March 14, 2018 11:09 AM

To: Kraj, Susan <kraj.susan@epa.gov>; Liljegren, Jennifer <Liljegren.Jennifer@epa.gov>; Kanniganti, Radhica <kanniganti.radhica@epa.gov>

Cc: D'Agostino, Kathleen <dagostino.kathleen@epa.gov>; Aburano, Douglas <aburano.douglas@epa.gov>; Rosenthal, Steven <rosenthal.steven@epa.gov>; Svingen, Eric <Svingen.Eric@epa.gov>; Mooney, John <Mooney.John@epa.gov>

Subject: RE: Foxconn permits

Jenny,

As Susan mentioned, the draft permits will be available on Friday. This should give us a better idea of what the emissions will be.

However, the most recent application identifies the following potential emissions for a portion of the project. The table below includes an estimate of potential emissions in tons per year.

Source	NOx	CO	PM10	Pm2.5	SO2	VOC
818 Fabrication Plant	103	152	12.7	12.7	1.37	236
Nitrogen Plant	9.77	10.49	2.39	2.39	0.45	2.16
Energy Facility	104	55	28.5	28.5	1.48	17.1
LCM Plant	12.9	22.98	9.2	9.2	0.72	20.43
Total	229.67	240.47	52.79	52.79	4.02	275.69

These values may change once we see the draft permits.

Thanks,
Mike

From: Kraj, Susan
Sent: Wednesday, March 14, 2018 11:06 AM
To: Liljegren, Jennifer <Liljegren.Jennifer@epa.gov>; Kanniganti, Radhica <kanniganti.radhica@epa.gov>; Langman, Michael <langman.michael@epa.gov>
Cc: D'Agostino, Kathleen <dagostino.kathleen@epa.gov>; Aburano, Douglas <aburano.douglas@epa.gov>; Rosenthal, Steven <rosenthal.steven@epa.gov>; Svingen, Eric <Svingen.Eric@epa.gov>; Mooney, John <Mooney.John@epa.gov>
Subject: RE: Foxconn permits

Jenny –

WDNR expects several of the permits to be out for public notice by this Friday. If you need the information sooner I can talk to the permit writer or dig through the applications that are available.

Thanks
Susan K

From: Liljegren, Jennifer
Sent: Wednesday, March 14, 2018 11:02 AM
To: Kanniganti, Radhica <kanniganti.radhica@epa.gov>; Kraj, Susan <kraj.susan@epa.gov>; Langman, Michael <langman.michael@epa.gov>
Cc: D'Agostino, Kathleen <dagostino.kathleen@epa.gov>; Aburano, Douglas <aburano.douglas@epa.gov>; Rosenthal, Steven <rosenthal.steven@epa.gov>; Svingen, Eric <Svingen.Eric@epa.gov>; Mooney, John <Mooney.John@epa.gov>
Subject: Foxconn permits

Hi Radhica, Susan, and Mike,

Do we have emissions estimates for Foxconn based on the permits that are out for public notice?

Thanks,
Jenny